### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property Organization

International Bureau



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(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

## (10) International Publication Number WO 2005/006357 A1

(51) International Patent Classification<sup>7</sup>:

H01F 17/02

(21) International Application Number:

PCT/IB2004/051021

(22) International Filing Date:

28 June 2004 (28.06.2004)

(25) Filing Language:

**English** 

(26) Publication Language:

English

(30) Priority Data: 03102113.2

11 July 2003 (11.07.2003) EP

- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LIM, Kui Yong [MY/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). LEE, Su Hwei [SG/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (74) Agent: VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

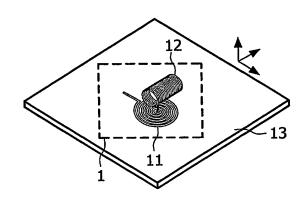
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INDUCTIVE-SYSTEM



(57) Abstract: Inductive-systems (1,2) comprising a first part in the form of a printed coil (11,21) and a second part in the form of a non-printed coil (12,22) coupled serially to each other may have a relatively large inductive-value and still be relatively small in size. The nonprinted coil (12,22) comprises an air coil. The total inductance of the inductive-system (1,2) is substantially equal to an inductance of the printed coil (11,21) plus an inductance of the air coil plus a mutual inductance, which depends on an overlapping area between the printed coil (11,21) and the air coil. One end of the non-printed coil (12) is coupled to a center end of the printed coil (11), and the other end of the nonprinted coil (12) and an outer end of the printed coil (11) constitute ends of the inductive-system (1), to couple both coils (11,12) compactly.